

VALID

Pat. No. 05662477 - 8
Issue Date: 10/07/02

Group ID: A
User ID: Kswall

Page 1
KS: 1,407

Warning [Pages Of US References:]

page 2 has no references
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page 6 has no references

Warning [Pages Of Foreign References:]

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Warning [Pages Of Other References:]

page 1 has no references
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page 5 has no references

Warning [Inventor Names Versus Inventors:]

the inventors at position 7 do not match because the first
name(Kazuhiko) from the oath does not match the first
name(Kishimoto) from checklist

Warning [Blue Slip Sub Class Versus Sub Class:]

has SubClass from Blue Slip that does not match SubClass from Jacket

E. A.

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Page 7

IEEE Journal of Selected Areas in Communications, vol. 13, No. 9, Dec.
1995.

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CHECK LIST

Rule 47 Continuing Data PCT Disclaimer

No No No No

Microfiche Appendix CPA tag

No No

Foreign Priority Claimed: Yes
Acknowledged: Yes

State Code: Country Code: JPX

Text Endorsement: 09159386.092398

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JACKET

<u>SERIAL NUMBER</u>	<u>FILING DATE</u>	<u>CLASS</u>	<u>SUBCLASS</u>	<u>GAU</u>
09/159,386	09/23/98	375	310	2634

<u>FOREIGN</u> <u>Country</u>	<u>PRIORITY</u> <u>Document Number</u>	<u>Date</u>
JPX	9-264135	09/29/97
JPX	10-016969	01/29/98

DISCLAIMER

/ /

TITLE

Communication systems, ^{sender} transmitter and receiver

MICROFICHE APPENDIX

ASSISTANT EXAMINER:

First: Middle: Last:

Dac V. Ha

PRIMARY EXAMINER:

First: Middle: Last:

Q A See Paper #17
please verify

Stephen

Chin

CLAIMS ALLOWED
Total Print

42 1

DRAWINGS
Sheets Figures Print

15 16 Y

BLUE SLIP INFORMATION

SERIAL NUMBER CLASS SUBCLASS GAU
09/159,386 375 267 2634

INDEP. CLAIMS

1, 7, 8, 10, 23, 40

TOTAL CLAIMS

42

BLUE SLIP (Page 1)

INTERNATIONAL CLASSIFICATION

Class SubClass

H04L 1/02

CROSS-REFERENCES

Class SubClass

375 285; 296; 299; 347; 349

370 281; 318; 343; 480

455 104; 226.2; 226.3

TERM EXTENSION

0

FIELD OF SEARCH

Class SubClass

375 260;264-267;285;286;287;288;295;296;299;347;349 ✓
370 281;295;319;343;480 ✓
455 101;104;115;226..2;226..3;269 ✓

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OATH

INVENTOR NAME

First: Middle: Last: Signed:
Masahiro Maki Yes
City: Iizuka
State: ZIP Code: Country: JPX Foreign ZIP:

INVENTOR NAME

First: Middle: Last: Signed:
Shoichi Koga Yes
City: Fukuoka-ken
State: ZIP Code: Country: JPX Foreign ZIP:

INVENTOR NAME

First: Middle: Last: Signed:
Satoshi Shinozaki Yes
City: Kukuoka-ken
State: ZIP Code: Country: JPX Foreign ZIP:

INVENTOR NAME

First: Middle: Last: Signed:
Yuji Igata Yes
City: Tsukushino
State: ZIP Code: Country: JPX Foreign ZIP:

INVENTOR NAME

First: Satoshi Middle: Last: Hasako Signed: Yes
City: Iizuka
State: ZIP Code: Country: JPX Foreign ZIP:

INVENTOR NAME

First: Michinori Middle: Last: Kishimoto Signed: Yes
City: Iizuka
State: ZIP Code: Country: JPX Foreign ZIP:

INVENTOR NAME

First: Kazuhiko Middle: Last: Tamesue Signed: Yes
City: Kukuoka-ken
State: ZIP Code: Country: JPX Foreign ZIP:

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PCT INFO
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CONTINUING DATA (Page 1)

LINE CODE SERIAL NUMBER FILING DATE STATUS DOCUMENT NO. ISSUE DATE
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REFERENCES (Page 1) SERIAL NUMBER: 09/159,386
FORM 892

U.S. REFERENCES

<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
*6,415,005	07/2002	Koga et al.	375	219
No issue date available.				

*6,308,054 10/2001 Ogino et al.
No issue date available.

-455 - 134 ✓

FOREIGN REFERENCES

<u>Foreign Doc No.</u>	<u>Date</u>	<u>Country</u>	<u>Class</u>	<u>SubClass</u>
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OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

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REFERENCES (Page 2) SERIAL NUMBER: 09/159,386
FORM 892

U.S. REFERENCES

<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
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FOREIGN REFERENCES

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OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

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REFERENCES (Page 3) SERIAL NUMBER: 09/159,386
FORM 892

U.S. REFERENCES

<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
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*6,215,777 04/2001 Chen et al.
No issue date available.

370 335 ✓

5,504,783 04/1996 Tomisato et al.

370 482 ✓

5,283,780 02/1994 Schuchman et al.

370 312 ✓

FOREIGN REFERENCES

<u>Foreign Doc No.</u>	<u>Date</u>	<u>Country</u>	<u>Class</u>	<u>SubClass</u>
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OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

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REFERENCES (Page 4) SERIAL NUMBER: 09/159,386
FORM 892

U.S. REFERENCES

<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
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FOREIGN REFERENCES

Foreign Doc No. Date Country Class SubClass

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

The Communications Handbook by Jerry D. Gibson, 1996, p. 216.

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REFERENCES (Page 5) SERIAL NUMBER: 09/159,386
FORM 892

U.S. REFERENCES

<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
6,005,893	12/1999	Hyll	375	260
5,682,376	10/1997	Hayashino et al.	370	206
*6,246,725	06/2001	Vanzielegem et al.	375	295
No issue date available.				
*6,198,778	03/2001	Mestdagh	375	296
No issue date available.				
*6,044,106	03/2000	Suzuki	375	219
No issue date available.				
5,790,550	08/1998	Peeters et al.	370	480

FOREIGN REFERENCES

Foreign Doc No. Date Country Class SubClass

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

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REFERENCES (Page 6) SERIAL NUMBER: 09/159,386
FORM 1449

U.S. REFERENCES

<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
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FOREIGN REFERENCES

Foreign Doc No. Date Country Class SubClass

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

[37 Overlapped Discrete Multitone Modulation for High Speed Copper Wire Communications]38 , Stuart D. Sandberg and Michael A. Tzannes.

VALID

Pat. No. 05662477 - 8
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Group ID: A
User ID: pcjenni

Page 1
KS: 1,402

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